

FIG. 1

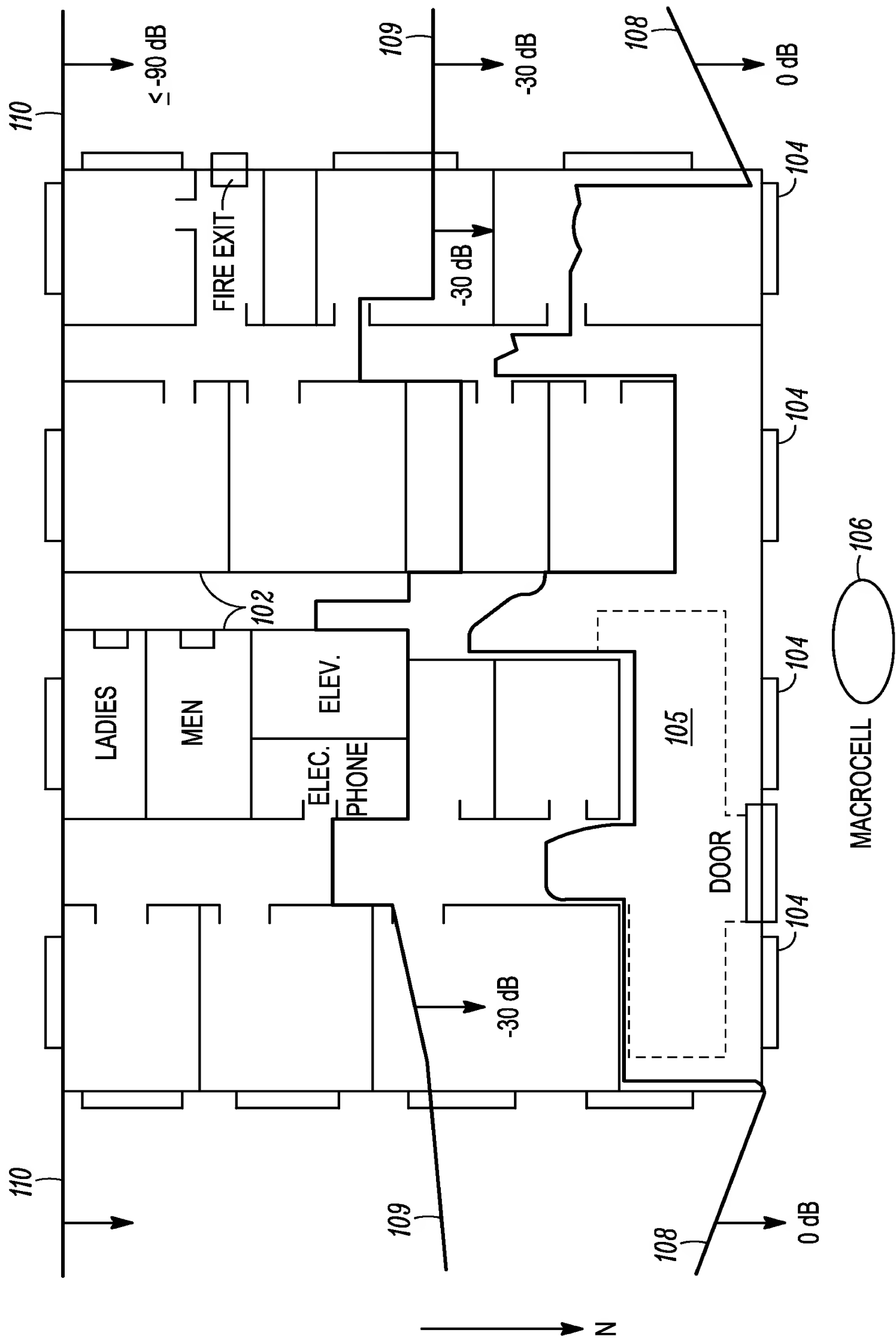


FIG. 2

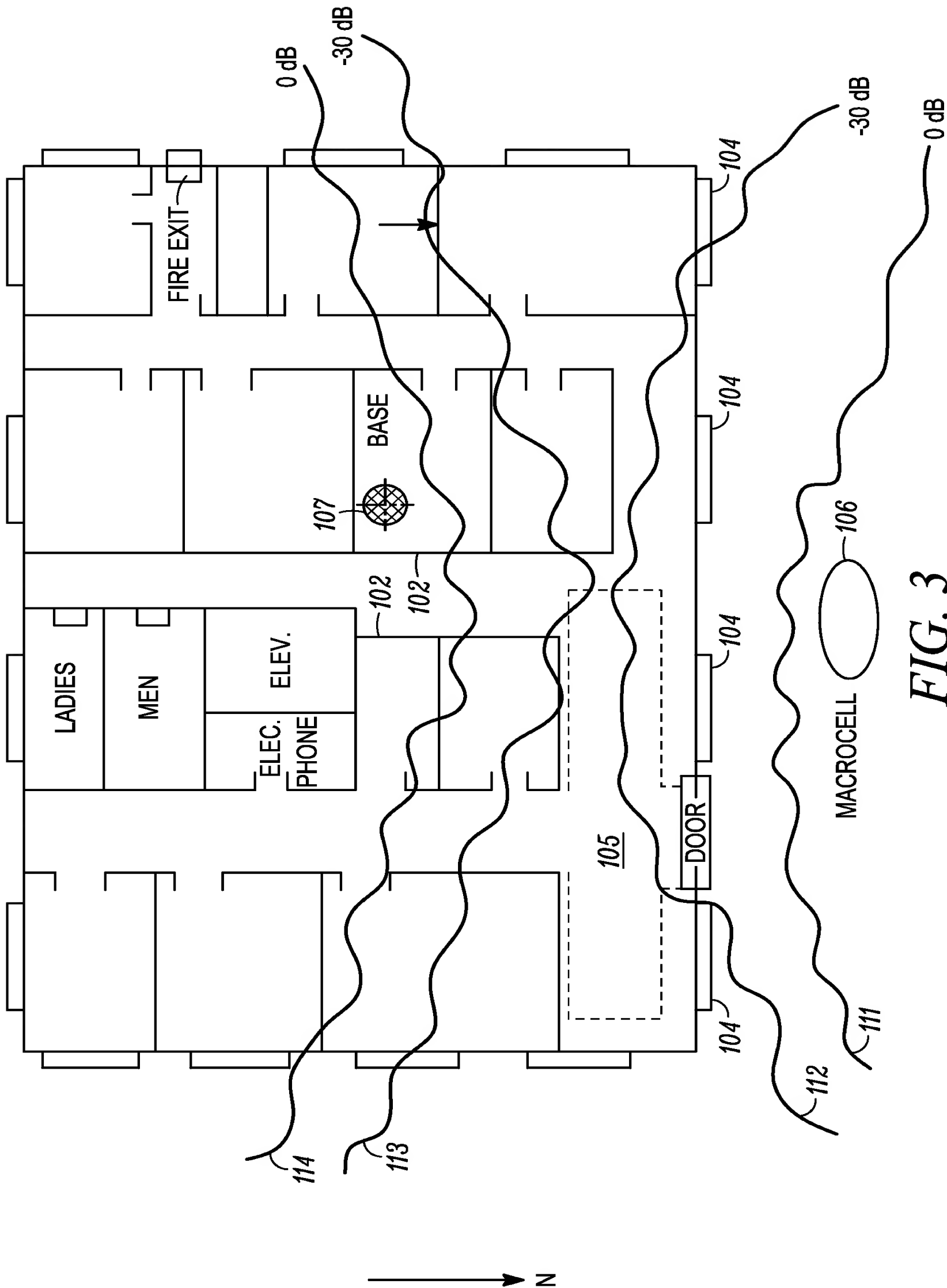
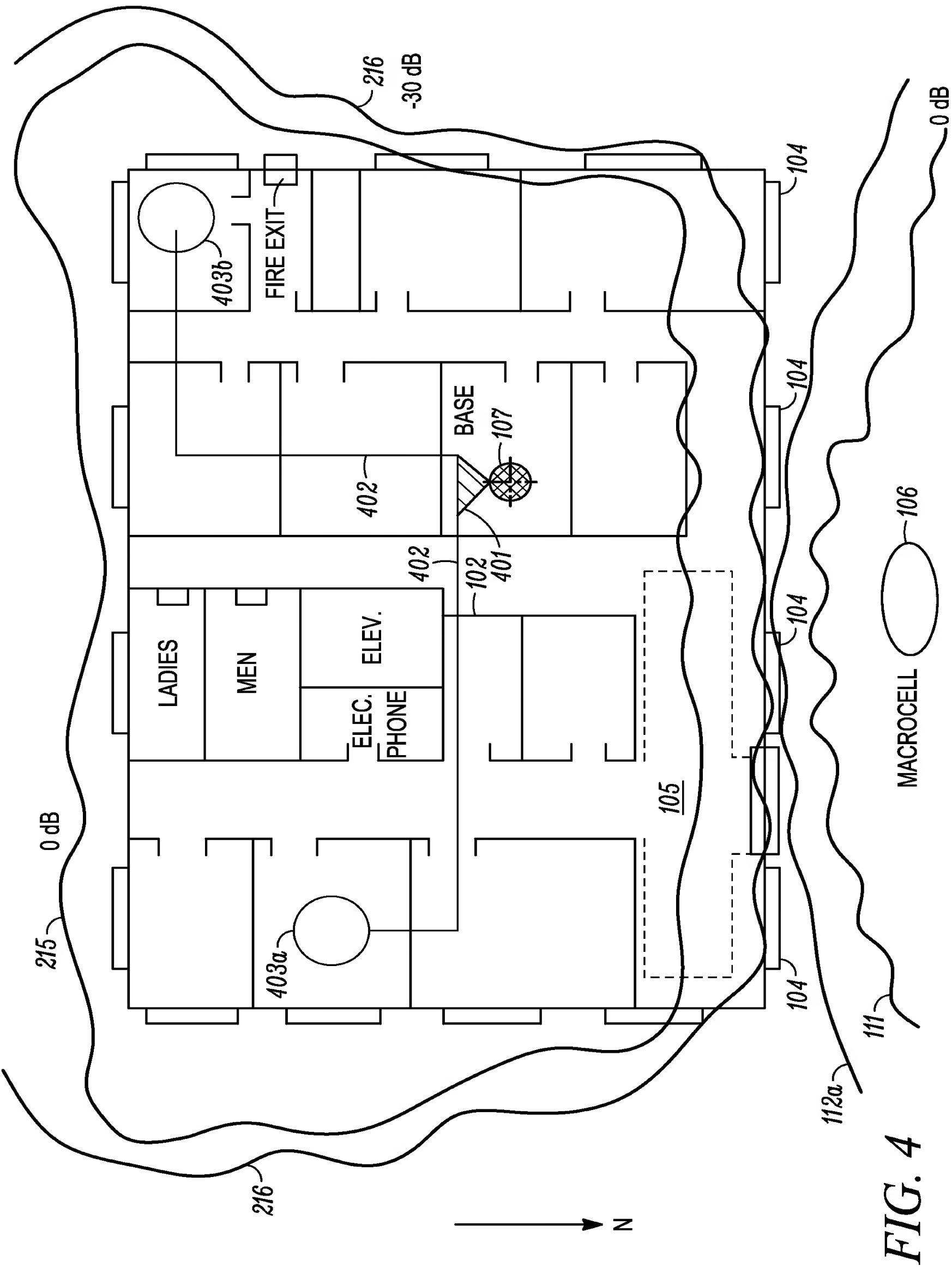
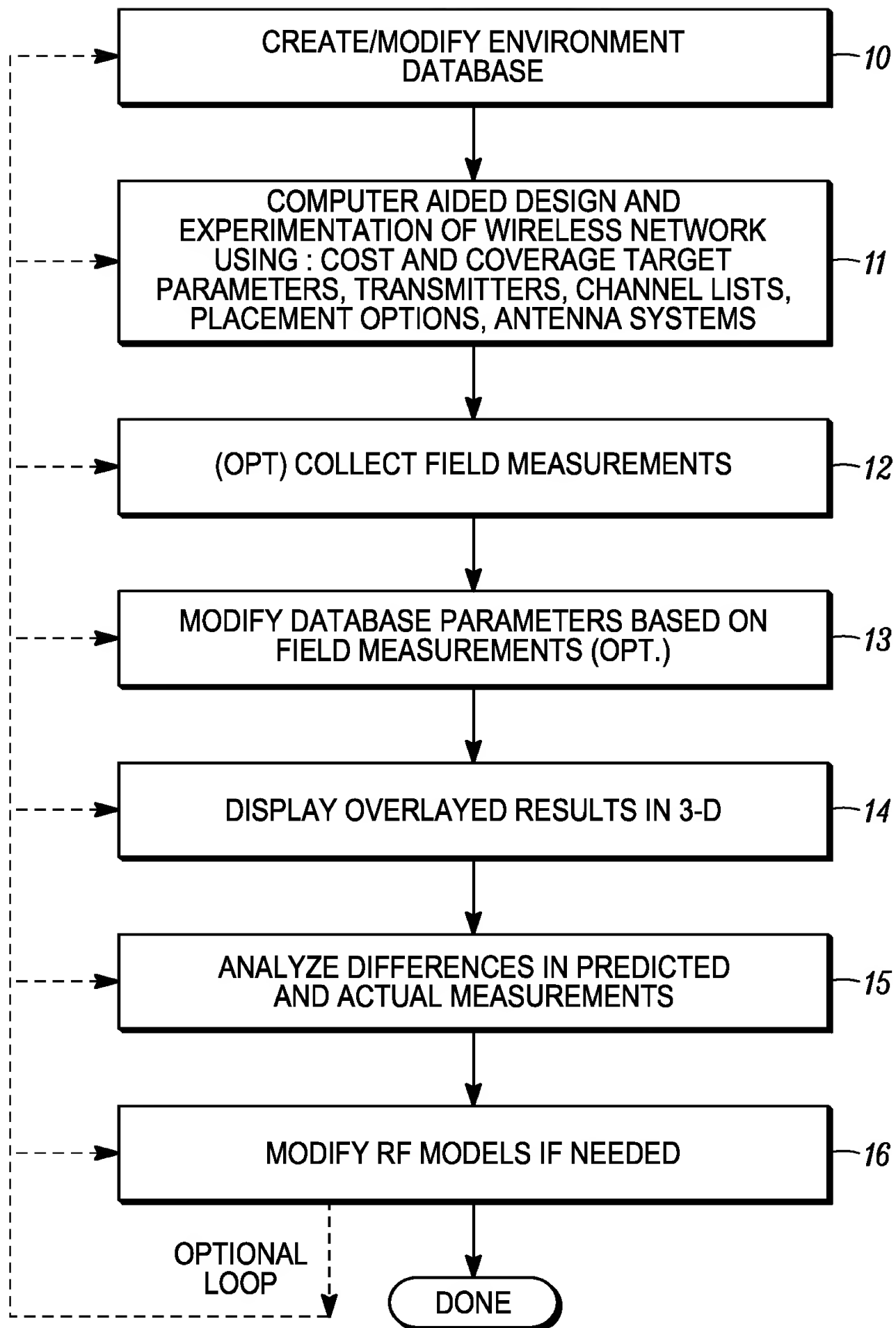


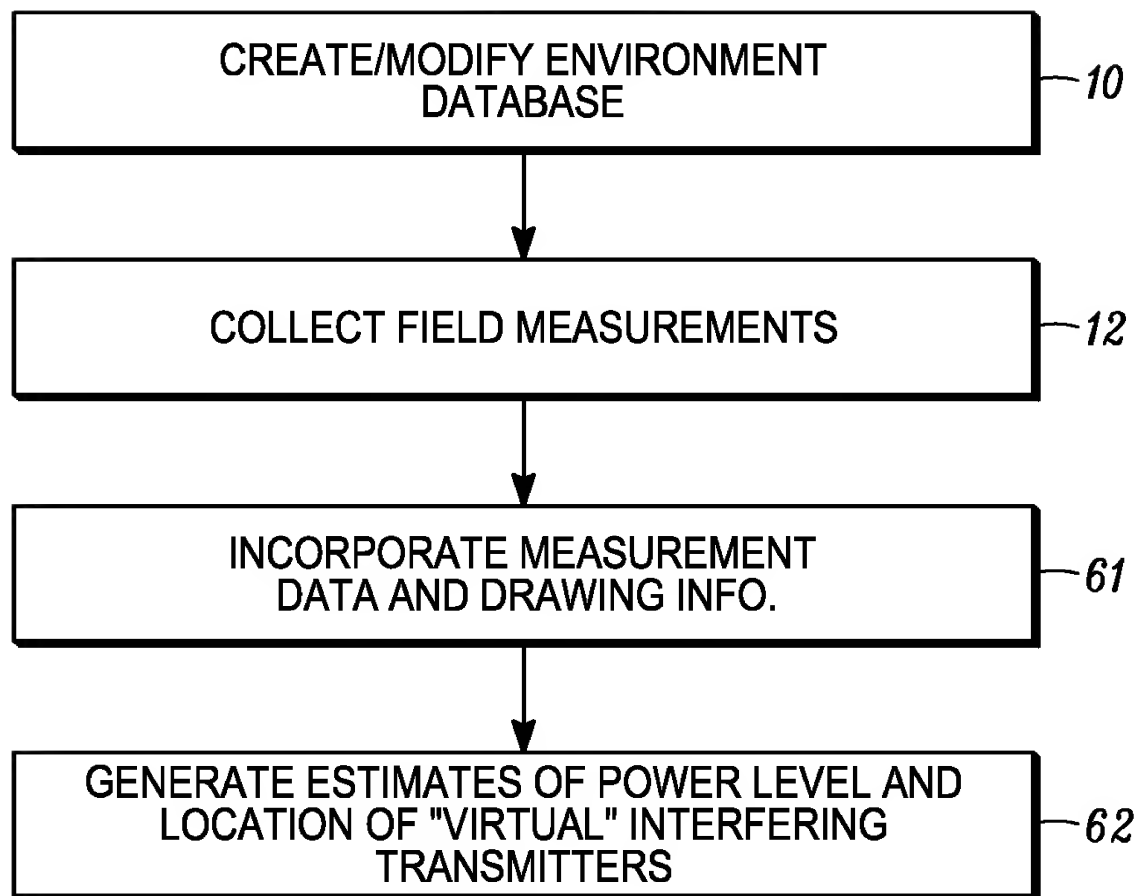
FIG. 3



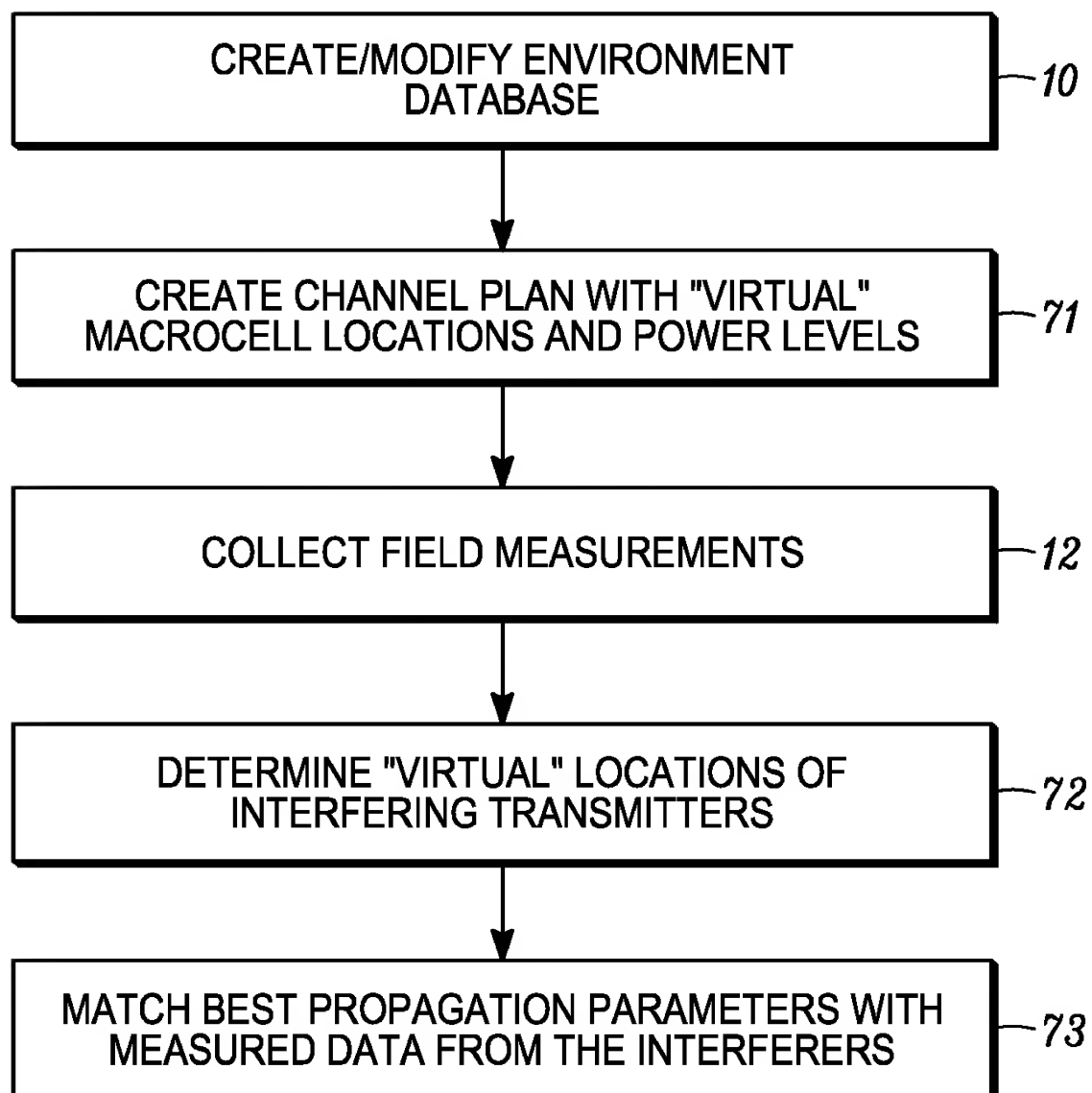


**FIG. 5**

**6/20**



**FIG. 6**



**FIG. 7**

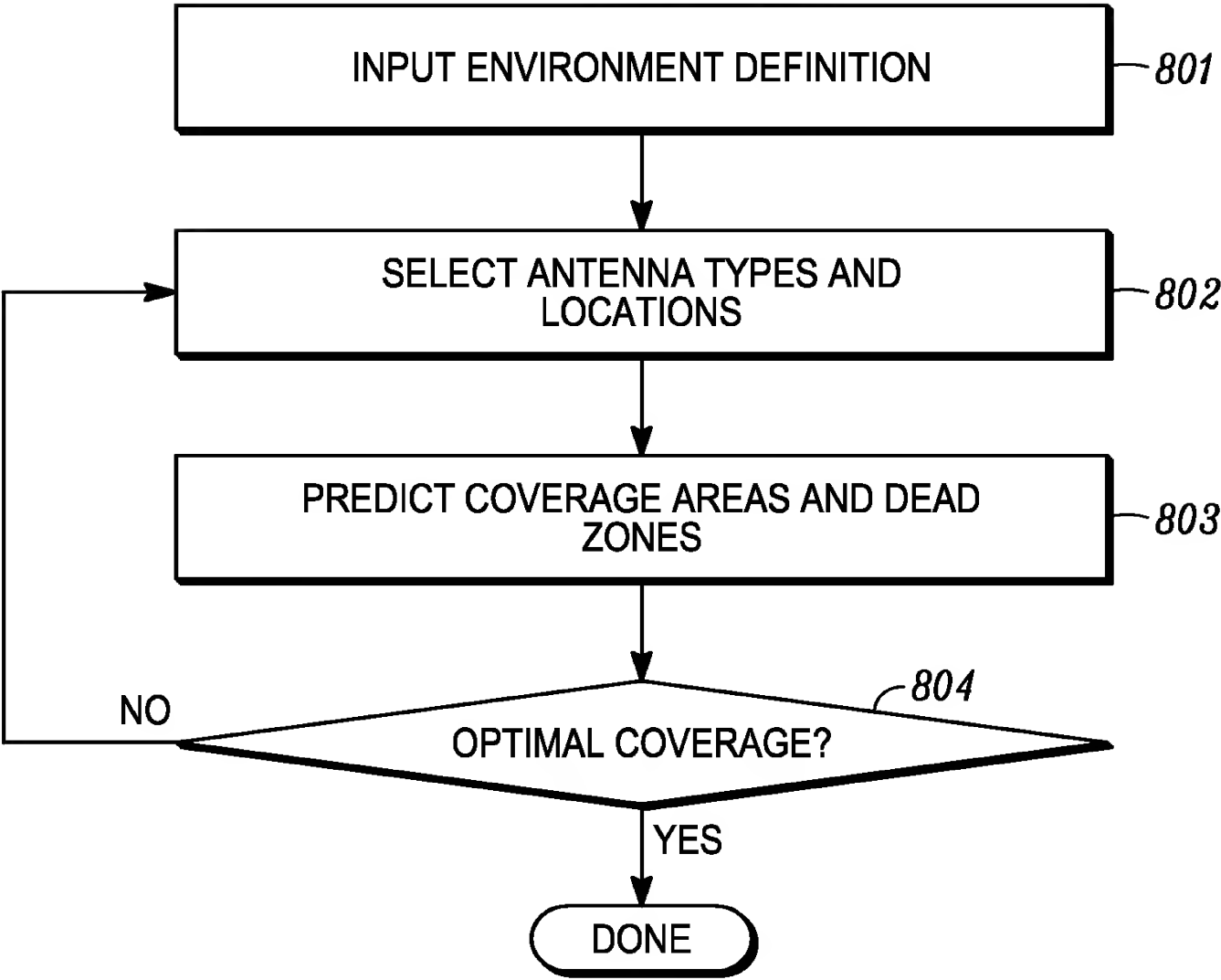
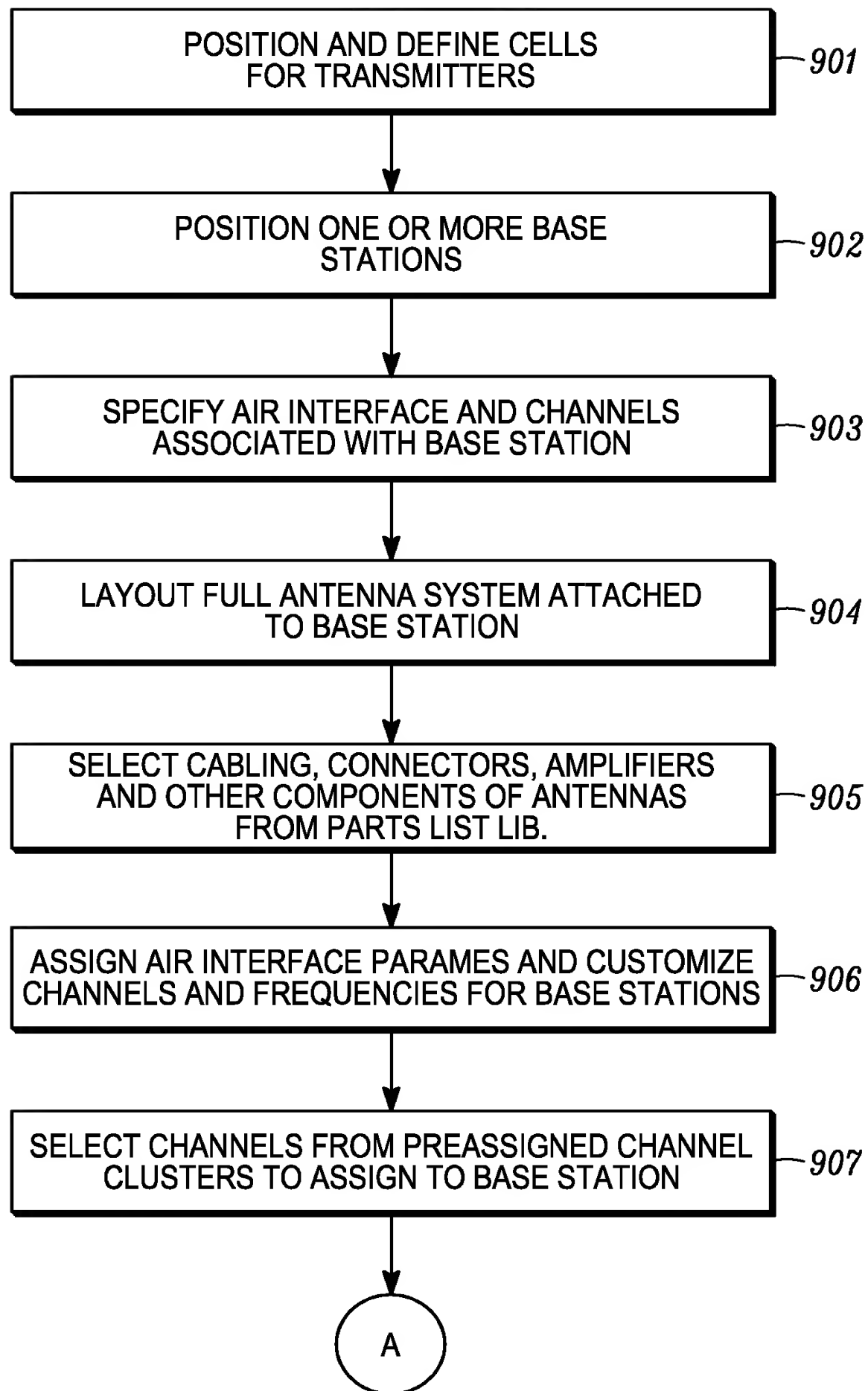


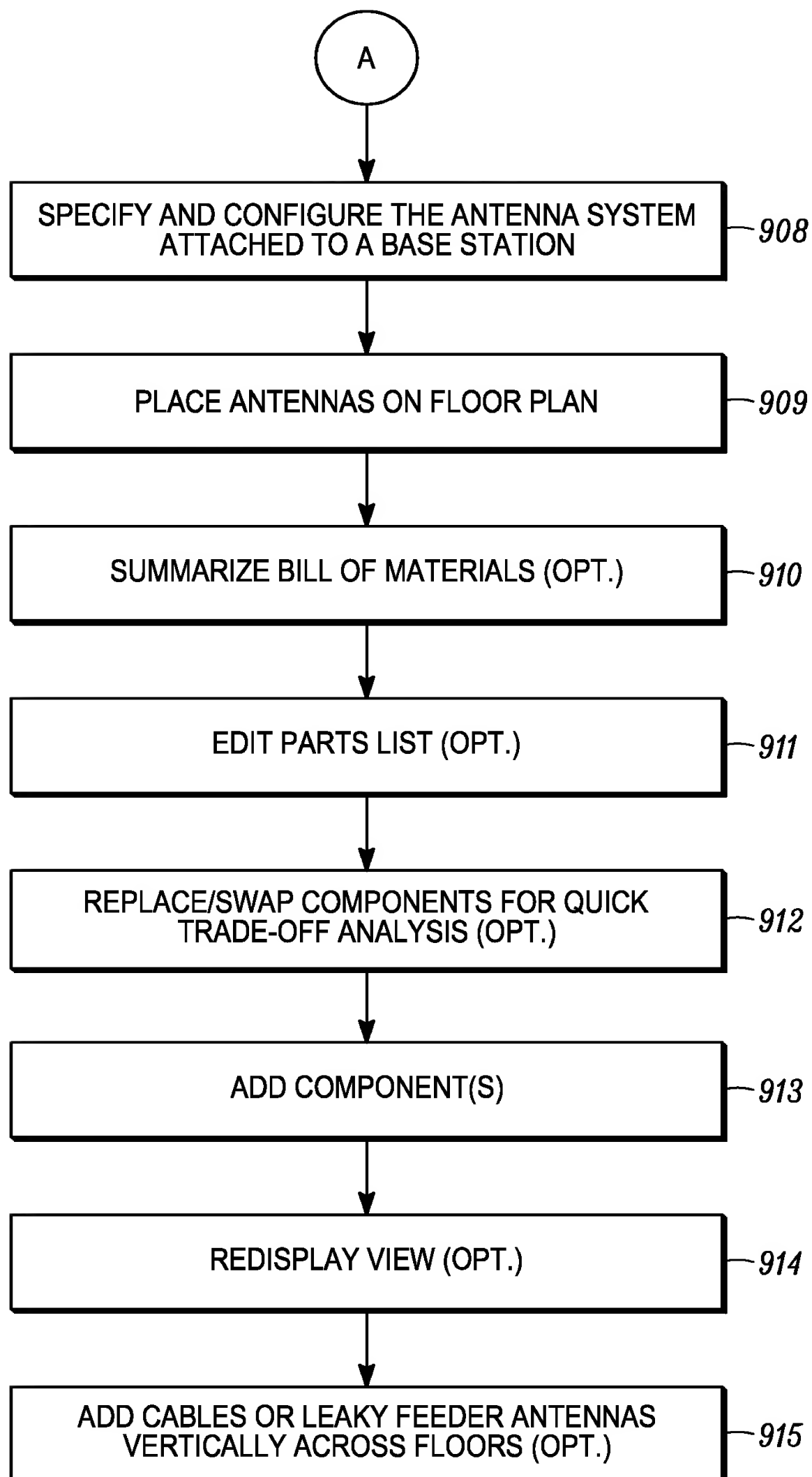
FIG. 8



**FIG. 9A**



**9/20**



**FIG. 9B**

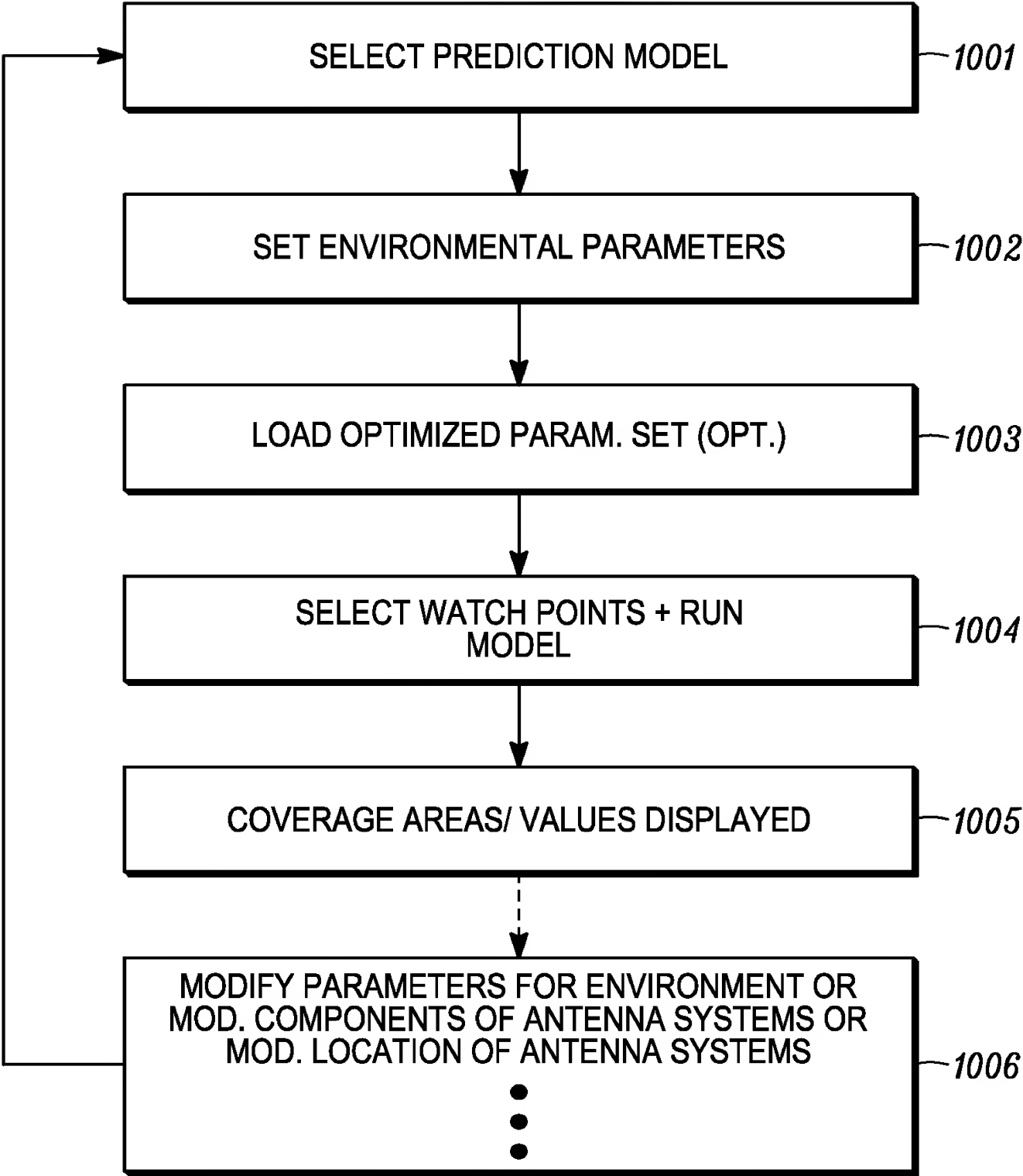


FIG. 10

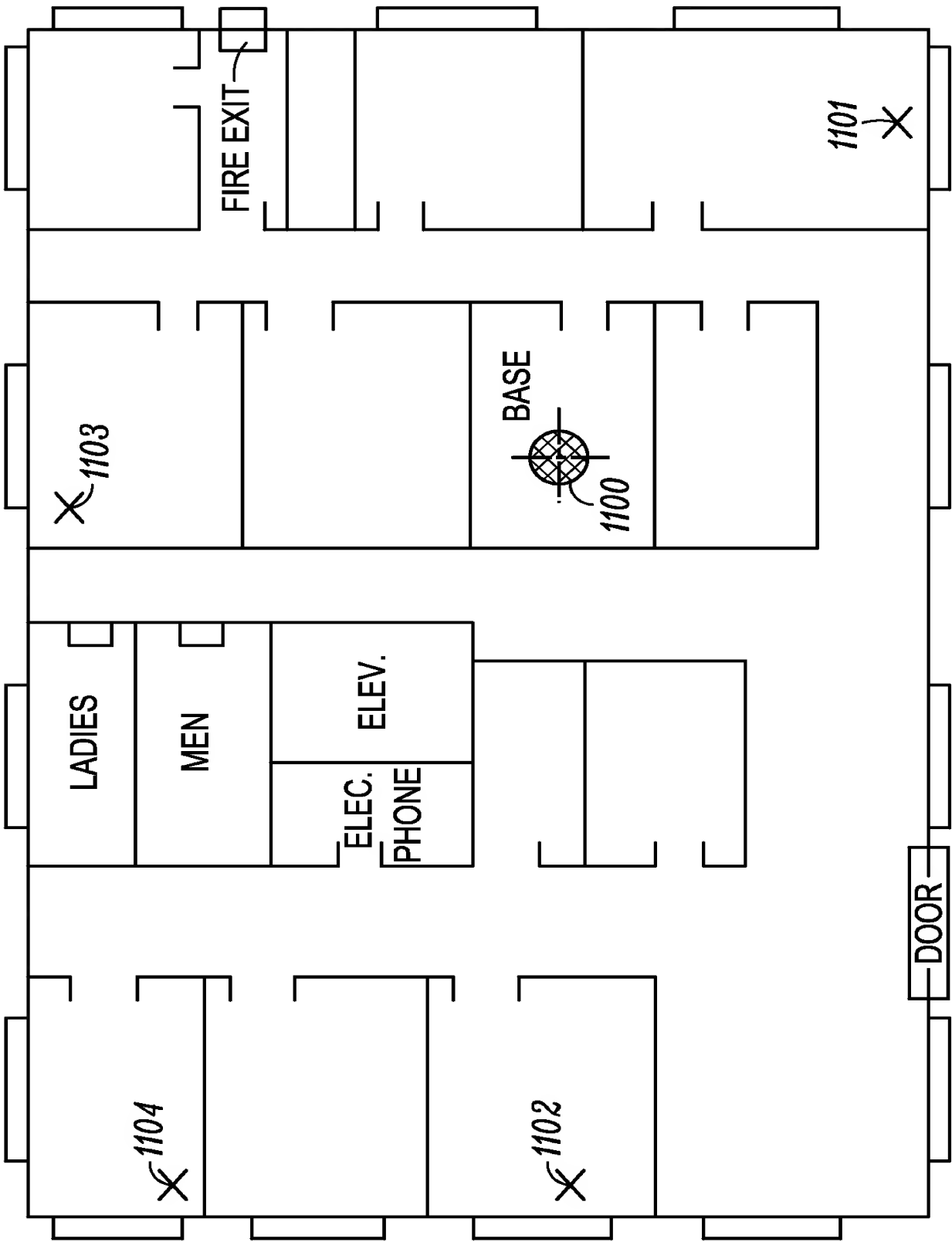


FIG. 11

12/ 20

ANTENNA POSITION MODE PREDICTION CONTROL

CDMA1 ALLEN TEL dB OMNI PCN 1850-1990 360 DEG 6.00 dB GAIN

WATCH POINTS

1 - FLOOR1, 67.71, 3.83, 1.80  
2 - FLOOR1, 54.11, 25.25, 1.80  
3 - FLOOR1, 33.67, 24.34, 1.80  
4 - FLOOR1, 33.46, 8.05, 1.80

ADD WATCH POINTREMOVE WATCH POINT

FLOOR1

MOBILE RECEIVER PARAMETERS

PREDICT

☒ RSSI☐ SIR☐ SNR

ANTENNA POSITIONING OPTIONS

☒ LEFT CLICK ON LOCATION☐ TRACK MOUSE MOVEMENT

OKCANCEL

FIG. 12

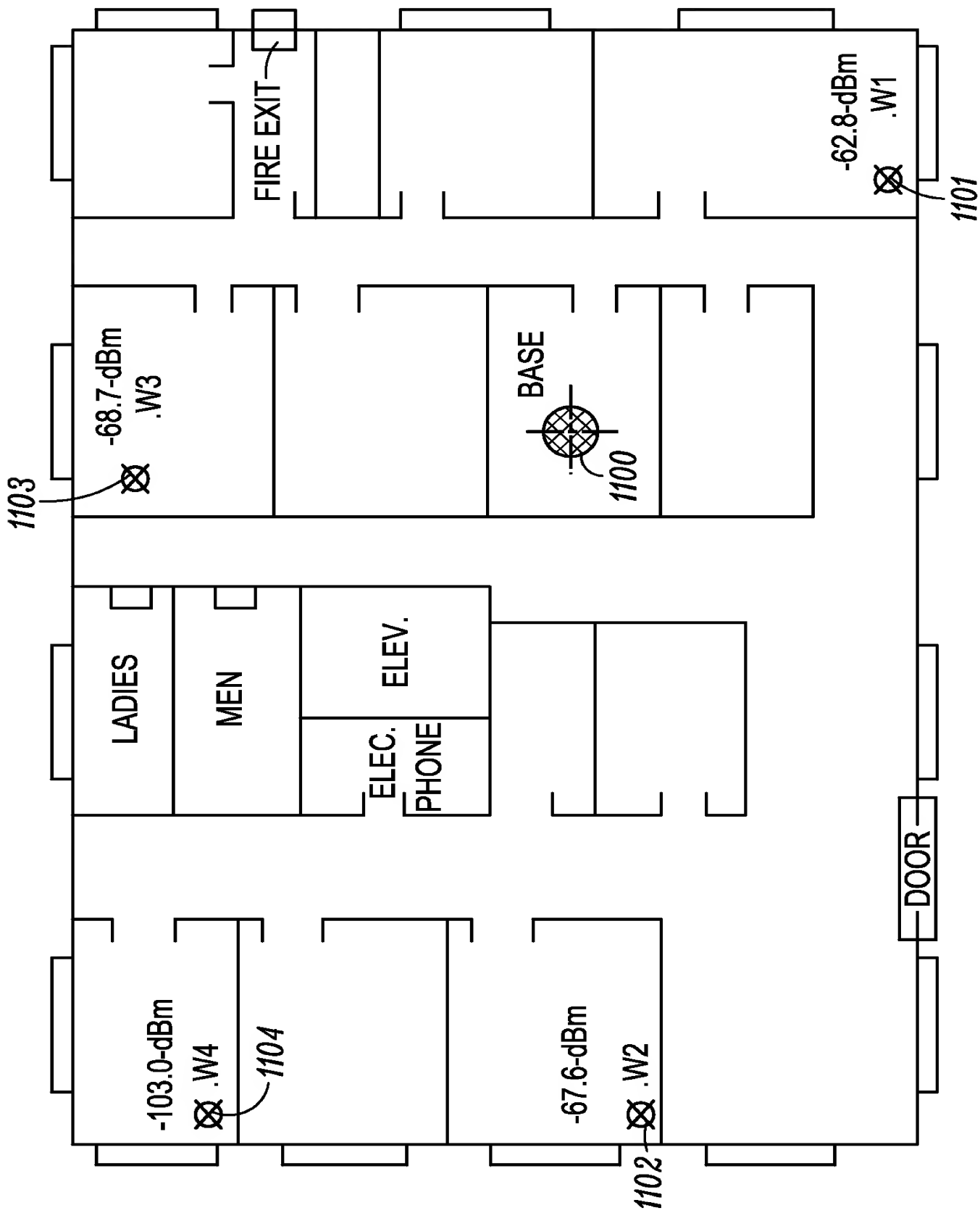


FIG. 13

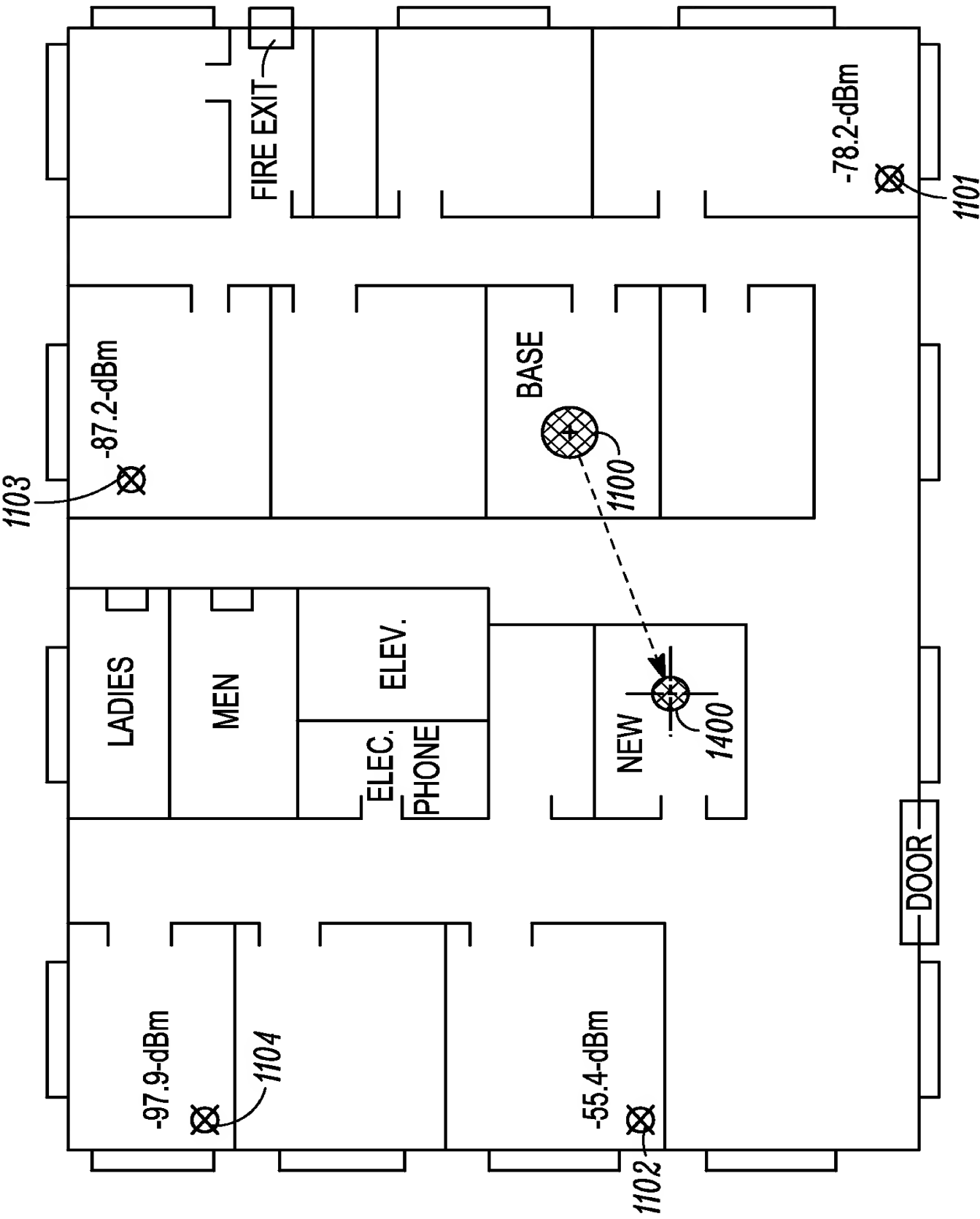


FIG. 14

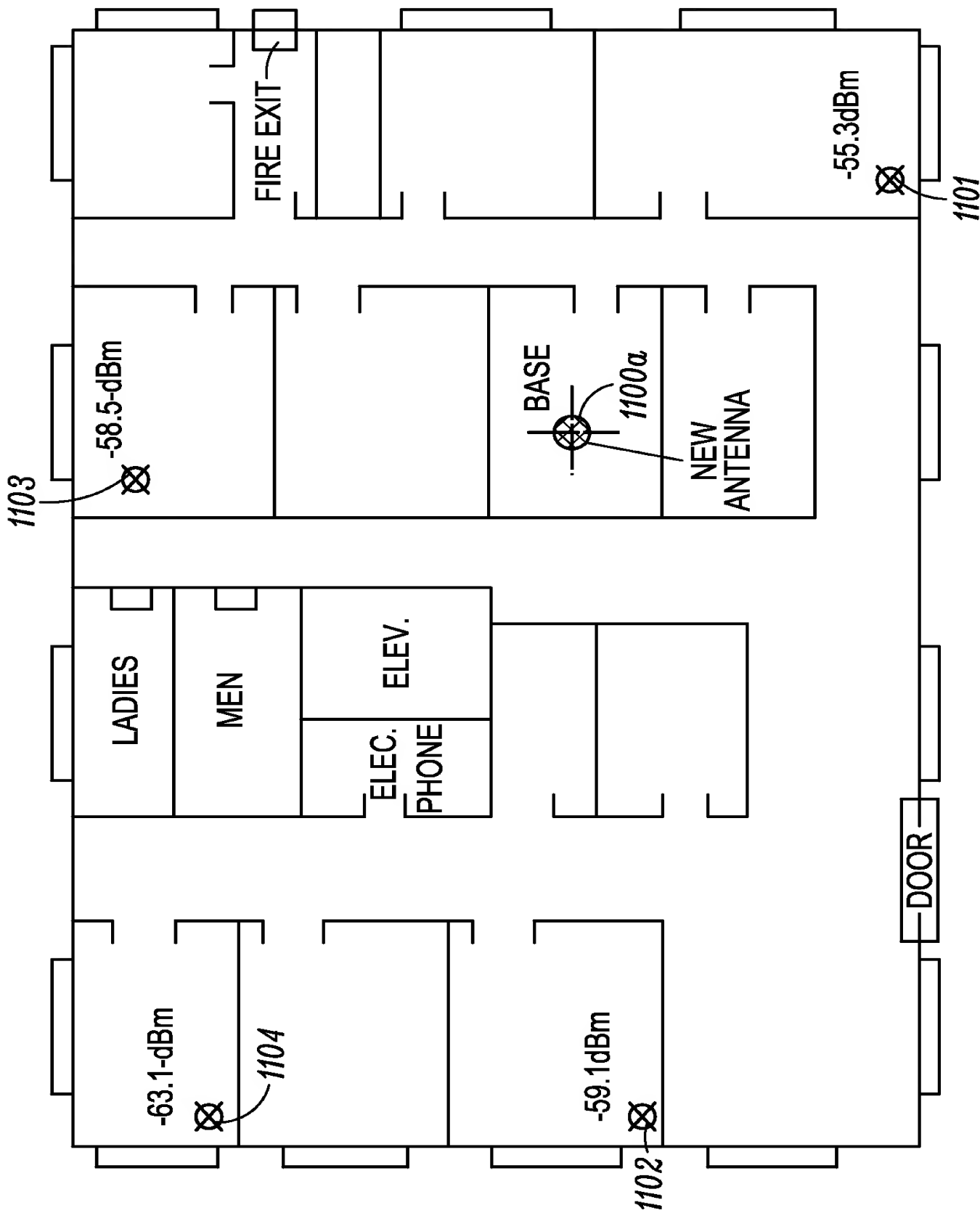


FIG. 15

*FIG. 16*



1611

BILL OF MATERIALS FOR CURRENT DRAWING

TYPE: ANTENNA\_POINT  
MANUFACTURER: ALLEN TELECOM  
PART NUMBER: DB972 1850  
FREQUENCY: 1710-1990 MHz  
PATTERN FILE: 972\_185.ant  
FLOOR 1  
POSITION: 84.3, 44.0, 1.8  
COST: \$250.00

1612a

1720

-- NAME : 7/8", 50-ohm FOAM DIELECTRIC COAXIAL CABLE"  
TYPE: CABLE  
MANUFACTURER: ANDREW  
PART NUMBER: LDF5\*  
FREQUENCY: 2000 MHz  
LENGTH: 120.41 m (395.06ft)  
LOSS PER 100 m: 6.46 dB  
TOTAL LOSS: 7.78 dB  
POSITION:  
VERTEX0: 10.6, 0.8, 1.8  
VERTEX1: 1.7, 2.8, 1.8  
VERTEX2: 1.7, 31.0, 1.8  
VERTEX3: 35.3, 31.0, 1.8  
VERTEX4: 35.3, 23.5, 1.8  
VERTEX5: 65.4, 23.6, 1.8  
VERTEX6: 72.6, 32.0, 1.8  
COST: \$85.00

1721

1613a

SUBTOTAL (EXCLUDING BASE STATION MACROCELL): \$470.00

1614a

TOTAL COST (EXCLUDING BASE STATIONS): \$470.00

SAVE TO ASCII FILE

OK

FIG. 17

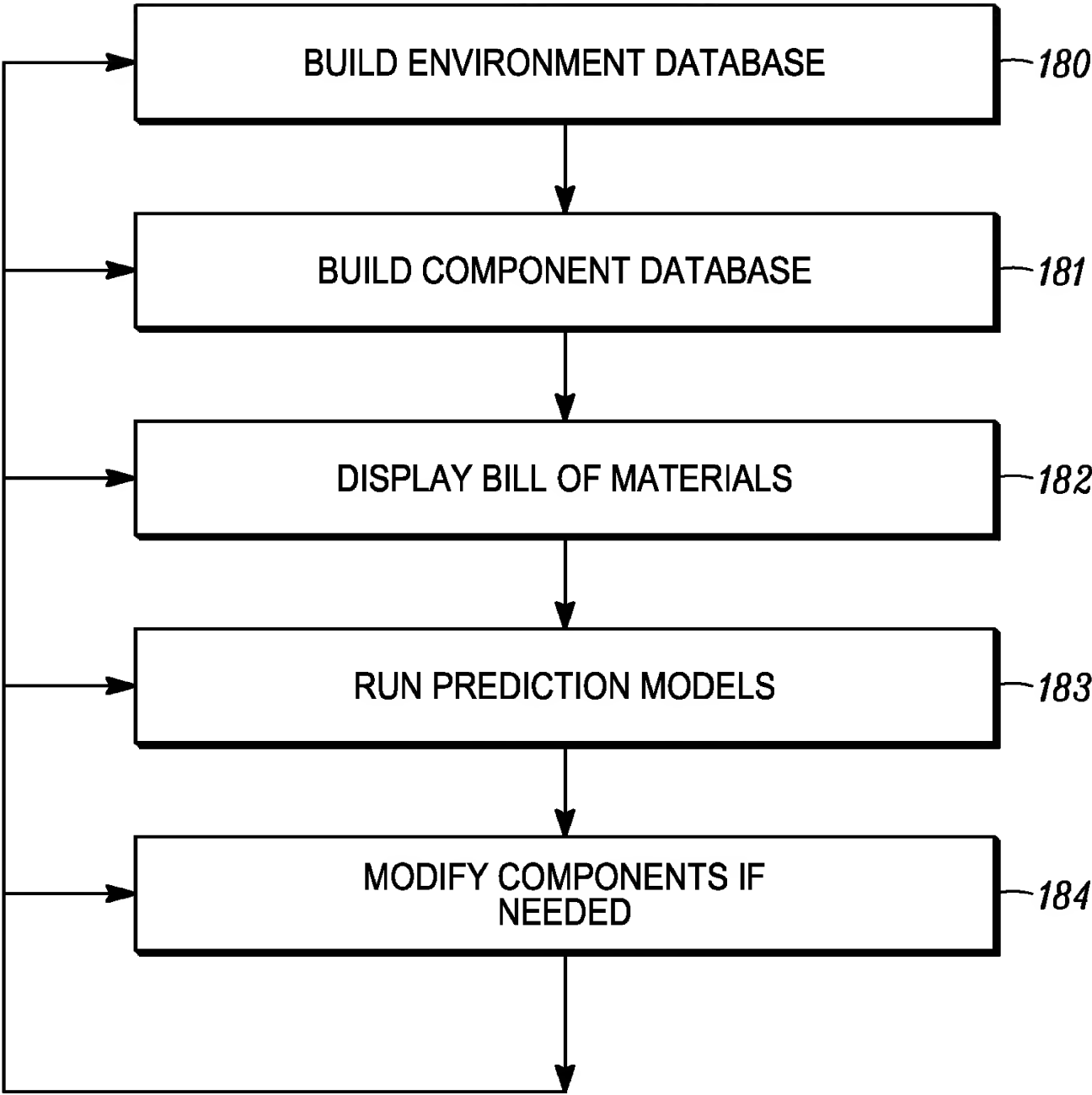
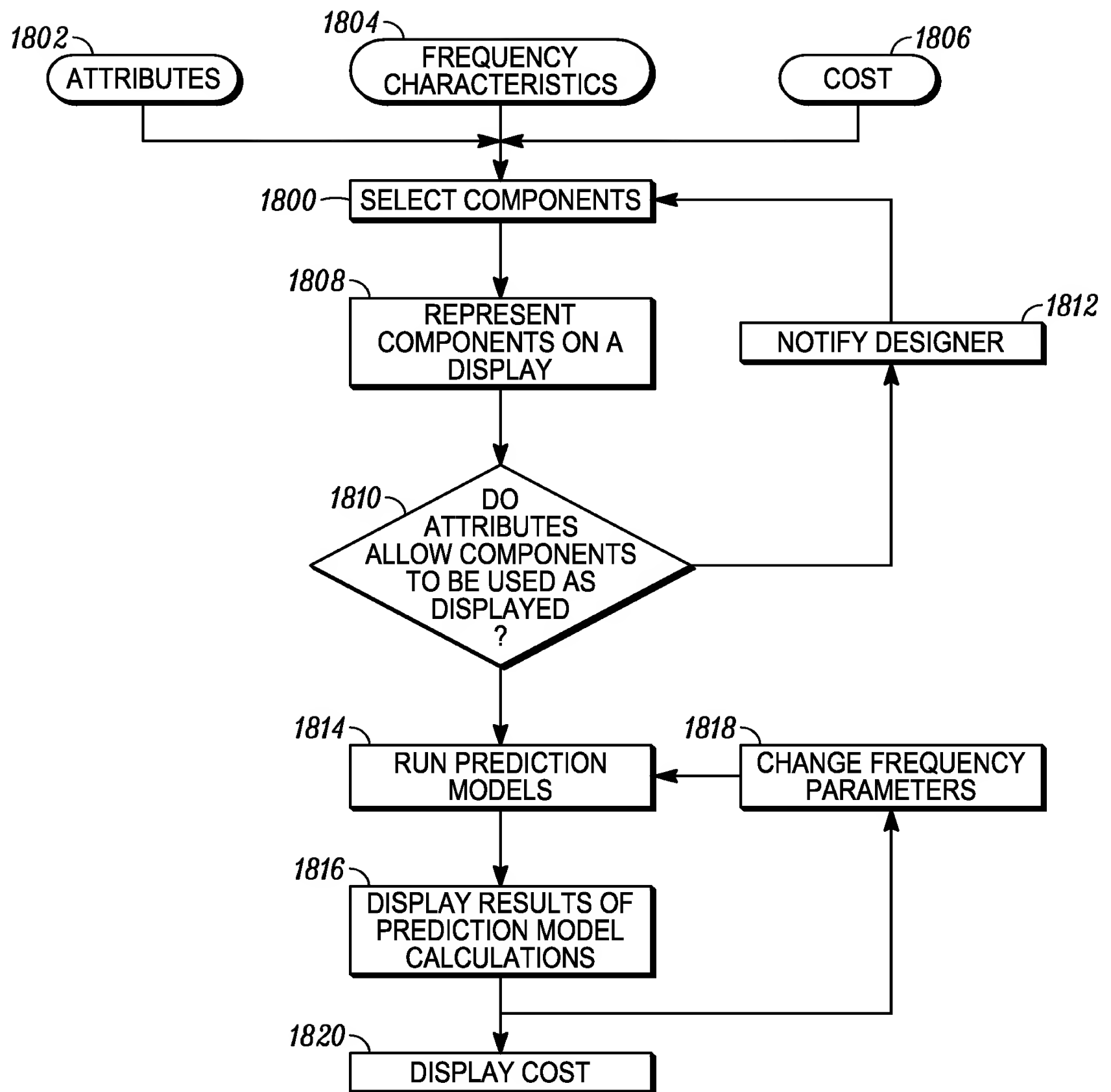


FIG. 18

**19/20**



**FIG. 19**

REPLACEMENT SHEET

REPLACEMENT SHEET



REPLACEMENT SHEET